

CLAIMS

1. Method for installing machine units such as machine foundations (1) and/or rolling stands (2) in a plant such an existing production line of a hot rolling mill and/or for putting them into service in such plants,

-- where the machine foundation (1) is prefabricated, and the required or interacting machine units are prefabricated and preassembled or assembled on site next to the production line (3), whereupon these machine units are inserted into the production line (3) as a complete modular unit, including the foundation block (1), characterized in that the associated drive elements, control elements, fastening elements, or the like, as well as pipes, cables, and other pieces of equipment necessary for operation are installed or assembled before insertion into the production line (3).

2. Method according to Claim 1, characterized in that the preassembled installation is subjected to a preliminary test run on site before it is inserted into the production line (3).

3. Method according to Claim 1 or Claim 2, characterized in that the foundation block (1) with the completely assembled and operationally ready machine unit / rolling stands (2) is

moved into place along at least two displacement tracks (5).

4. Method according to Claim 3, characterized in that the displacement is carried out in steps alternating between the left displacement axis and the right displacement axis.

5. Method according to one of Claims 1 to 4, characterized in that the foundation block (1) to be displaced is raised; in that slideways are inserted between the foundation block (1) and the displacement tracks (5); and in that the foundation block (1) is displaced and then lowered after reaching its final position.

6. Method according to Claim 5, characterized in that pairs of intercommunicating double presses are used to raise and lower the foundation block (1).

7. Method according to Claim 6, characterized in that the presses for raising the foundation block (1) are supported on lifting points / lifting surfaces (9, 10, 11) embedded in the displacement tracks (5).

8. Method according to Claim 6, characterized in that the presses for lowering the foundation block (1) in the final position are supported on lifting points / lifting surfaces embedded in the displacement tracks (5).

9. Method according to Claim 5, characterized in that the foundation block (1) is horizontally aligned in the final

position on the basis of reference marks on the rolling stand axes.

10. Method according to Claim 5 or Claim 9, characterized in that the foundation block (1) is vertically aligned in the final position on the basis of reference marks.

11. Method according to Claim 5, Claim 9, or Claim 10, characterized in that the foundation block (1) is finely adjusted around its transverse axis.

12. Method according to one or more of Claims 1 to 3, characterized in that the foundations of the roll-changing area are at least partially constructed and installed as prefabricated reinforced concrete structures.

13. Method according to one of the preceding claims, characterized in that the space (8) is completely or partially filled in with ready-mixed concrete.

14. Method according to Claim 1 or Claim 2, characterized in that the machine foundations are partially or completely constructed as prefabricated reinforced concrete structural elements in the assembly area of the foundation block (1) to be displaced, so that they can later be used as a base for new machine foundations.